

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/236,208

INPUT SET: S8120.raw

357 Thr His Pro Gln Phe Arg Ser Ile Val Ser Ala Leu Lys Arg  
358 1185 1190 1195  
359  
360 Glu Ala Leu Val Lys Gly Asn Pro Pro Ile Tyr Arg Phe Trp  
361 1200 1205 1210  
362  
363 Lys Asp Asn Leu Gln His Lys Asp Ser Ser Val Pro Asn Thr  
364 1215 1220  
365  
366 Gly Thr Ala Arg Met Val Glu Thr Thr Ala Tyr Ala Leu Leu  
367 1225 1230 1235  
368  
369 Thr Ser Leu Asn Leu Lys Asp Ile Asn Tyr Val Asn Pro Val  
370 1240 1245 1250  
371  
372 Ile Lys Trp Leu Ser Glu Glu Gln Arg Tyr Gly Gly Phe  
373 1255 1260 1265  
374  
375 Tyr Ser Thr Gln Asp Thr Ile Asn Ala Ile Glu Gly Leu Thr  
376 1270 1275 1280  
377  
378 Glu Tyr Ser Leu Leu Val Lys Gln Leu Arg Leu Ser Met Asp  
379 1285 1290  
380  
381 Ile Asp Val Ser Tyr Lys His Lys Gly Ala Leu His Asn Tyr  
382 1295 1300 1305  
383  
384 Lys Met Thr Asp Lys Asn Phe Leu Gly Arg Pro Val Glu Val  
385 1310 1315 1320  
386  
387 Leu Leu Asn Asp Asp Leu Ile Val Ser Thr Gly Phe Gly Ser  
388 1325 1330 1335  
389  
390 Gly Leu Ala Thr Val His Val Thr Thr Val Val His Lys Thr  
391 1340 1345 1350  
392  
393 Ser Thr Ser Glu Glu Val Cys Ser Phe Tyr Leu Lys Ile Asp  
394 1355 1360  
395  
396 Thr Gln Asp Ile Glu Ala Ser His Tyr Arg Gly Tyr Gly Asn  
397 1365 1370 1375  
398  
399 Ser Asp Tyr Lys Arg Ile Val Ala Cys Ala Ser Tyr Lys Pro  
400 1380 1385 1390  
401  
402 Ser Arg Glu Glu Ser Ser Ser Gly Ser Ser His Ala Val Met  
403 1395 1400 1405  
404  
405 Asp Ile Ser Leu Pro Thr Gly Ile Ser Ala Asn Glu Glu Asp  
406 1410 1415 1420  
407  
408 Leu Lys Ala Leu Val Glu Gly Val Asp Gln Leu Phe Thr Asp  
409 1425 1430

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410  
411 Tyr Gln Ile Lys Asp Gly His Val Ile Leu Gln Leu Asn Ser  
412 1435 1440 1445  
413  
414 Ile Pro Ser Ser Asp Phe Leu Cys Val Arg Phe Arg Ile Phe  
415 1450 1455 1460  
416  
417 Glu Leu Phe Glu Val Gly Phe Leu Ser Pro Ala Thr Phe Thr  
418 1465 1470 1475  
419  
420 Val Tyr Glu Tyr His Arg Pro Asp Lys Gln Cys Thr Met Phe  
421 1480 1485 1490  
422  
423 Tyr Ser Thr Ser Asn Ile Lys Ile Gln Lys Val Cys Glu Gly  
424 1495 1500  
425  
426 Ala Ala Cys Lys Cys Val Glu Ala Asp Cys Gly Gln Met Gln  
427 1505 1510 1515  
428  
429 Glu Glu Leu Asp Leu Thr Ile Ser Ala Glu Thr Arg Lys Gln  
430 1520 1525 1530  
431  
432 Thr Ala Cys Lys Pro Glu Ile Ala Tyr Ala Tyr Lys Val Ser  
433 1535 1540 1545  
434  
435 Ile Thr Ser Ile Thr Val Glu Asn Val Phe Val Lys Tyr Lys  
436 1550 1555 1560  
437  
438 Ala Thr Leu Leu Asp Ile Tyr Lys Thr Gly Glu Ala Val Ala  
439 1565 1570  
440  
441 Glu Lys Asp Ser Glu Ile Thr Phe Ile Lys Lys Val Thr Cys  
442 1575 1580 1585  
443  
444 Thr Asn Ala Glu Leu Val Lys Gly Arg Gln Tyr Leu Ile Met  
445 1590 1595 1600  
446  
447 Gly Lys Glu Ala Leu Gln Ile Lys Tyr Asn Phe Ser Phe Arg  
448 1605 1610 1615  
449  
450 Tyr Ile Tyr Pro Leu Asp Ser Leu Thr Trp Ile Glu Tyr Trp  
451 1620 1625 1630  
452  
453 Pro Arg Asp Thr Thr Cys Ser Ser Cys Gln Ala Phe Leu Ala  
454 1635 1640  
455  
456 Asn Leu Asp Glu Phe Ala Glu Asp Ile Phe Leu Asn Gly Cys  
457 1645 1650 1655  
458  
459  
460

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2494 (i) SEQUENCE CHARACTERISTICS:  
 2495 (A) LENGTH: 813 base pairs *only 783 are shown.*  
 2496 (B) TYPE: Nucleic Acid  
 2497 (C) STRANDEDNESS: Double  
 2498 (D) TOPOLOGY: linear  
 2499 (ii) MOLECULE TYPE: Other nucleic acid  
 2500 (A) DESCRIPTION: N19/8 scFv (His Tagged)  
 2501  
 2502  
 2503 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:19:  
 2504  
 2505 ATG GCC AAT ATT GTG CTG ACC CAA TCT CCA 30  
 2506 Met Ala Asn Ile Val Leu Thr Gln Ser Pro  
 2507 1 5 10  
 2508  
 2509 GCT TCT TTG GCT GTG TCT CTA GGG CAG AGG 60  
 2510 Ala Ser Leu Ala Val Ser Leu Gly Gln Arg  
 2511 15 20  
 2512  
 2513 GCC ACC ATA TCC TGC AGA GCC AGT GAA AGT 120 *90?*  
 2514 Ala Thr Ile Ser Cys Arg Ala Ser Glu Ser  
 2515 25 30  
 2516  
 2517 GTT GAT AGT TAT GAC AAT AGT TTT ATG CAC 150 ?  
 2518 Val Asp Ser Tyr Asp Asn Ser Phe Met His  
 2519 35 40  
 2520  
 2521 TGG TAC CAG CAG AAA CCA GGA CAG CCA CCC 180 ?  
 2522 Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro  
 2523 45 50  
 2524  
 2525 AAA CTC CTC ATC TTT CTT GCA TCC AAC CTA 210  
 2526 Lys Leu Leu Ile Phe Leu Ala Ser Asn Leu  
 2527 55 60  
 2528  
 2529 GAA TCT GGG GTC CCT GCC AGG TTC AGT GGC 240  
 2530 Glu Ser Gly Val Pro Ala Arg Phe Ser Gly  
 2531 65 70  
 2532  
 2533 AGT GGG TCT AGG ACA GAC TTC ACC CTC ACC 270  
 2534 Ser Gly Ser Arg Thr Asp Phe Thr Leu Thr  
 2535 75 80  
 2536  
 2537 ATT GAT CCT GTG GAG GCT GAT GAT GCT GCA 300  
 2538 Ile Asp Pro Val Glu Ala Asp Asp Ala Ala  
 2539 85 90  
 2540  
 2541 ACC TAT TAC TGT CAG CAA AAT AAT GAG GTT 330  
 2542 Thr Tyr Tyr Cys Gln Gln Asn Asn Glu Val  
 2543 95 100  
 2544  
 2545 CCG AAC ACG TTC GGA GGG GGG ACC AAG CTG 360  
 2546 Pro Asn Thr Phe Gly Gly Thr Lys Leu

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/236,208DATE: 01/05/96  
TIME: 15:17:03

INPUT SET: S8120.raw

2547 105 110  
2548  
2549 GAA ATA AAA CGG ACC GGA GGT GGC GGG TCG 390  
2550 Glu Ile Lys Arg Thr Gly Gly Gly Ser  
2551 115 120  
2552  
2553 GGT GGC GGG GGA TCG GGT GGC GGA GGG TCG 420  
2554 Gly Gly Gly Ser Gly Gly Gly Ser  
2555 125 130  
2556  
2557 GAC GTC AAG CTC GTG GAG TCT GGG GGA GAC 450  
2558 Asp Val Lys Leu Val Glu Ser Gly Gly Asp  
2559 135 140  
2560  
2561 TTA GTG AAG CTT GGA GGG TCC CTG AAA CTC 480  
2562 Leu Val Lys Leu Gly Gly Ser Leu Lys Leu  
2563 145 150  
2564  
2565 TCC TGT GCA GCC TCT GGA TTC ACC TTC AGT 510  
2566 Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser  
2567 155 160  
2568  
2569 AGC TAT TAT ATG TCT TGG GTT CGC CAG ATT 540  
2570 Ser Tyr Tyr Met Ser Trp Val Arg Gln Ile  
2571 165 170  
2572  
2573 TCA GAG AAG AGG CTG GAG TTG GTC GCA GCC 570  
2574 Ser Glu Lys Arg Leu Glu Leu Val Ala Ala  
2575 175 180  
2576  
2577 ATT AAT AGT AAT GGT GAT AGC ACC TAC TAT 600  
2578 Ile Asn Ser Asn Gly Asp Ser Thr Tyr Tyr  
2579 185 190  
2580  
2581 CCA GAC ACT GTG AAG GGC CGA TTC ACC ATC 630  
2582 Pro Asp Thr Val Lys Gly Arg Phe Thr Ile  
2583 195 200  
2584  
2585 TCC AGA GAC AAT GCC AAG AGC ACC CTG GAT 660  
2586 Ser Arg Asp Asn Ala Lys Ser Thr Leu Asp  
2587 205 210  
2588  
2589 CTG CAA ATG AGC AGT CTG AAG TCT GAG GAC 690  
2590 Leu Gln Met Ser Ser Leu Lys Ser Glu Asp  
2591 215 220  
2592  
2593 ACA GCC TTG TAT TTC TGT GTA AGA GAG ACT 720  
2594 Thr Ala Leu Tyr Phe Cys Val Arg Glu Thr  
2595 225 230  
2596  
2597 TAT TAC TAC GGG ATT AGT CCC GTC TTC GAT 750  
2598 Tyr Tyr Tyr Gly Ile Ser Pro Val Phe Asp  
2599 235 240

RAW SEQUENCE LISTING  
PATENT APPLICATION *US/08/236,208*DATE: 01/05/96  
TIME: 15:17:06*INPUT SET: S8120.raw*

2600  
2601 GTC TGG GGC ACA GGG ACC ACG GTC ACC GTC 780  
2602 Val Trp Gly Thr Gly Thr Thr Val Thr Val  
2603 245 250  
2604  
2605 TCC TCA CTC GAG CAC CAC CAC CAC CAC 810  
2606 Ser Ser Leu Glu His His His His His His  
2607 255 260  
2608  
2609 TGA 813  
2610  
2611  
2612

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08/23/2008  
489,283

## Notice of Availability

### Applicant Aid for Biotechnology Computer Readable Form (CRF) Sequence Listings Submissions

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Phone number: 703-305-8950  
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Login as "anonymous". Software is in directory /pub/checker  
Cost: Free-of-charge
- 3) For diskette copies, telephone requests to 703-308-0322.  
Cost: \$25.00

For Further Information Contact: Meredith Beckhardt at 703-308-4212.